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142	•	Applied Optis, optical Society of America Washington Vol. 35 no. 4, 1 February 1996 pages 663 - 675 - "Extrinsic optical-Fiber Ultrasound Sensor using a Thin Polymer Film as a Low-Finesse Fabry-Perot Interferometer" - P C Beard et al.	
22		Electronics Letters, IEE Stevenage Vol. 33 no. 9, 24 April 1997 pages 801 - 803 - "Miniature Optical Fibre Ultrasonic Hydrophone using a Fabry-Perot Polymer Film Interferometer" - P C Beard et al.	
702	ſ	IUltrasonics, IPC Science and technology Press Ltd, Guildford vol. 37, no. 1, 1999, pages 45-49 - "Fiber-optic multiplayer hydrophone for ultrasonic measurement" Wilkens V et al.	
74		Optics Letters - vol. 24 no. 15, 1, August 1999 pages 1026 - 1028 - "Optical multiplayer detection array for fast ultrasonic field mapping." V. Wilkens and CH. Koch	
12	,	Ultrasonics Sonochemistry, vol. 4, no.4, 1, October 1997 pages 273 - 288 - "A strategy for the development and standardisation of measurement methods for high power/cavitaing ultrasonic fields: review of high power field measurement techniques" Hodnett M et al.	
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U.S. PATENT DOCUMENTS							
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nitials	No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	. Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
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FOREIGN PATENT DOCUMENTS								
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90			WO-96/23197- A1		Rogers	08-01-1996		
2			WO-93/01476- A1		Nelson	01-21-1993		
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